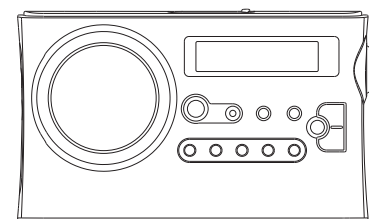


DPR-17



GB

Version 1



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Important Safety Instructions

1. Read and understand all safety and operating instructions before the radio is operated.
2. Retain instruction: The safety and operating instructions should be retained for further reference.
3. Heed warnings. All warnings on the appliance and operating instructions should be followed.
4. Follow all operations and use instructions.
5. Water and moisture: The appliance should not be used near water. Do not use near a bathtub, washbowl, laundry tub, kitchen sink, wet basement, swimming pool, etc.
6. Unplug the radio from the AC power outlet before cleaning. Use only a damp cloth for cleaning the exterior of the radio.
7. Do not place the radio on an unstable cart, stand, bracket or table. The radio may fall, causing serious personal injury and damage to the radio.
8. Ventilation: This radio should be situated so that its location or position does not interfere with its proper ventilation. For example, the radio should not be used on a bed, sofa, rug or other soft surfaces that may block the ventilation openings. It should not be placed in a built-in situation like a cabinet that may reduce air flow through the ventilation openings.
9. Power sources: The radio should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your radio dealer or power company.
10. Mains adaptor: The mains adaptor should be positioned so it is not walked on, pinched, or items placed on top of it. Pay particular attention to wires at plugs, convenience receptacles, and the point where they exit from the unit. Unplug the mains adaptor by gripping the adaptor, not the wire. Operate the radio using only the current type of power source indicated. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
11. Do not overload wall outlets or extension cords. This can result in a risk of fire or electrical shock. Never insert objects of any kind into the radio through opening. The objects may touch dangerous voltage points or short out parts. This could cause a fire or electrical shock.
12. If the radio is left unattended or unused for long periods of time, unplug it from the wall outlet. This will prevent damage caused by lightning or power line surges.
13. If the radio is left unattended or unused for long periods of time, remove the batteries. The batteries may leak and damage furniture or your radio.

GB

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14. Do not attempt to service the radio yourself. Removing the cover may expose you to dangerous voltage, and will void the warranty. Refer all servicing to authorized service personnel.
15. Object and Liquid Entry-Never push objects of any kind into this radio through opening as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind of product.
16. The appliance should be serviced by qualified personnel when:
- A. The mains adaptor or the plug has been damaged.
 - B. Objects have fallen or liquid had been spilled into the radio.
 - C. The radio has been exposed to rain or water.
 - D. The radio does not appear to operate normally or exhibits a marked change in performance.
 - E. The radio has been dropped, or the enclosure damaged.



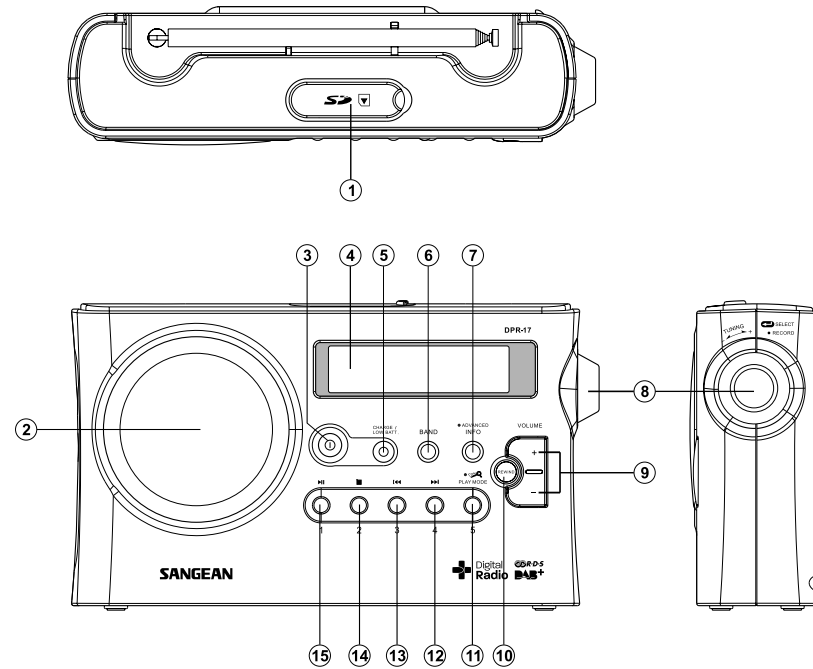
Introduction

The Sangean DPR-17 DAB+/FM Handheld Receiver with SD recording provides the following range of features in an attractive portable unit:

- ◎ The DPR-17 receives DAB and FM (with RDS) wavebands.
- ◎ 10 preset stations (5 for DAB and 5 for FM).
- ◎ The DPR-17 plays MP3/WMA files from an SD card and can also play its own recordings in WAV, MP2 and M4A format.
- ◎ MP3 file browsing.
- ◎ Large and easy to read display with backlight.
- ◎ Rewind DAB+/FM via SD card.
- ◎ Deep bass compensation.
- ◎ A standard 3.5mm headphone socket is provided for private listening.
- ◎ Rechargeable with charging LED indicator.

GB

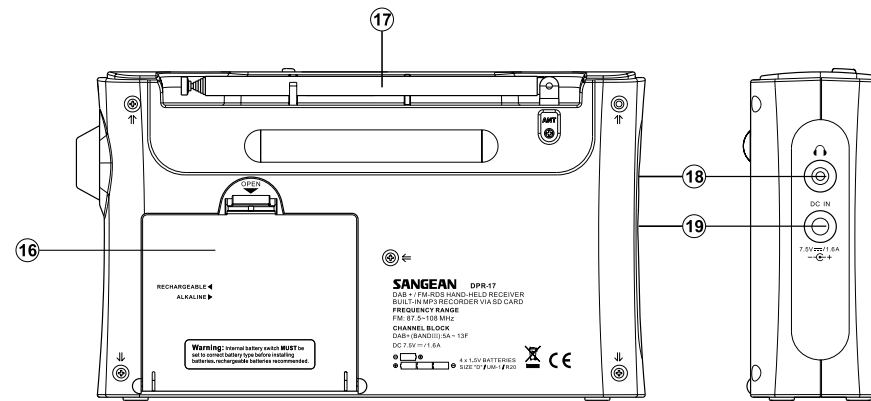
Controls



- | | |
|---|---|
| 1. SD Card Slot | 9. Volume button |
| 2. Speaker | 10. Rewind button |
| 3. Power Button | 11. Preset 5 / Play mode / Browser button |
| 4. LCD display | 12. Preset 4 / Fast-Forward button |
| 5. Battery charge indicator / Low battery indicator | 13. Preset 3 / Backforward button |
| 6. Band button | 14. Preset 2 / Stop button |
| 7. Info / Advanced button | 15. Preset 1 / Play/pause button |
| 8. Tuning control / Select / Record knob | |

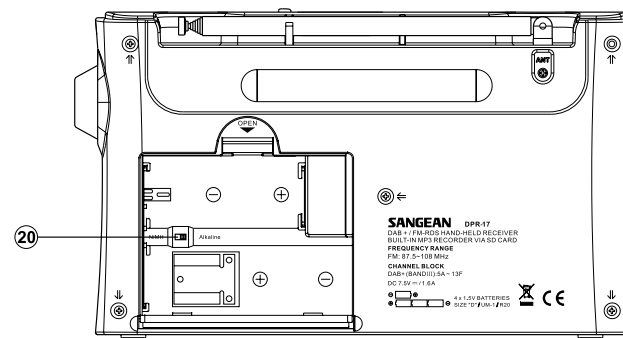
Controls

GB



- 16. Battery compartment
- 17. FM telescopic antenna
- 18. Headphone jack
- 19. DC in socket

Controls



20. Alkaline/NiMH/NiCad rechargeable battery switch

Using the handheld receiver for the first time

Battery operation

1. Remove the battery cover on the rear of the unit by pressing the catch.

Note:

Before you insert the batteries, if you use non-rechargeable batteries, make sure the NiMH/Alkaline switch which located inside the battery compartment is switched to Alkaline position. If you use rechargeable batteries, make sure to switch NiMH/Alkaline switch to NiMH position.

2. Insert four UM-1 (D size) batteries into the spaces in the compartment.
3. Take care to ensure all batteries are inserted with correct polarity as shown on the rear cabinet. Replace the battery cover.
4. Reduced power, distortion and a “stuttering sound” are all signs that the batteries need replacing.
5. If the radio is not to be used for any extended period of time, it is recommended that the batteries are removed from the radio.

Using the AC power adaptor

The AC power adaptor required for this unit should be 7.5 volts DC at 1.6 A center pin negative.

Insert the adaptor plug into the DC socket on the left side of the radio.

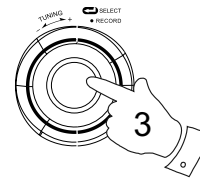
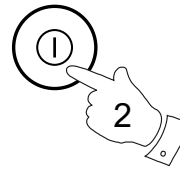
Plug the adaptor into a standard mains socket outlet.

Whenever the adaptor is used, the batteries are automatically disconnected. The AC adaptor should be disconnected from the main supply when not in use.

GB

Operating your radio – DAB

1. Fully extend the FM telescopic antenna and locate the radio to get the best reception.
2. Press the Power button to turn on the radio. The radio will then display “Welcome SANGEAN”. The radio will then scan for DAB signals showing “Tuning...”, and if a DAB signal is found it will then show the current station frequency.
3. If no signal is received the radio will display “DAB No Service”. Try reposition the antenna. Press the Power button and the radio will rescan. If a signal is found the radio will then tune to a station. If necessary reposition again and press and hold the Tuning knob to auto tune until stations are found.



Welcome
SANGEAN

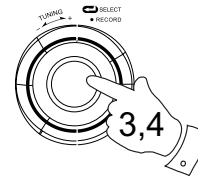
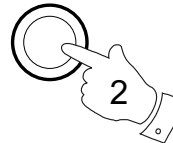
DAB
Tuning...

DAB
No Service

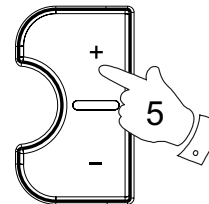
Selecting a station - DAB

1. Fully extend the antenna above the radio and locate the radio to get the best reception. Press the Power button to switch on the radio.
2. Press the Band button repeatedly to select the DAB band.
3. Rotate the Tuning control to scroll through the list of available stations. Stop rotating the Tuning control when you find the station that you wish to hear.
4. Press and release the Tuning control to select the station.
This display may show "Tuning..." while your radio finds the new station.
5. Adjust the Volume by pressing the Volume Up / Down buttons.

BAND



VOLUME



DAB P2
RT1

DAB P2
Tuning...

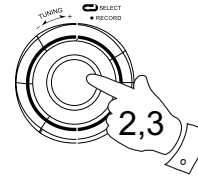
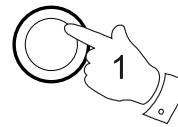
GB

Finding new stations – DAB

As time passes new stations may be available. To find new stations proceed as follows:

1. Press and hold the Info button to enter the advanced setting.
2. To carry out a full scan of the entire DAB Band III frequencies rotate the Tuning control until “Auto Scan” appears on the display, then press and release the Tuning control.
3. Rotate the Tuning control until “Full Scan” appears on the display. Then press and release the Tuning control. The display will show “Scanning...”. As new stations are found the station counter on the right-hand side of the display will increase and station will be added to the list.

• ADVANCED
INFO



Advanced:
Station list

Advanced:
Auto scan

Auto scan:
Full scan

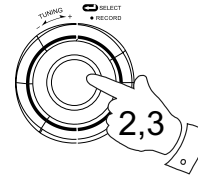
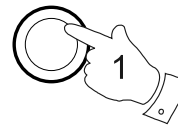
Manual tuning – DAB

GB

Manual tuning allows you to tune directly to the various Band III DAB channels.

1. Press and hold the Info button to enter the advanced setting.
2. Rotate the Tuning knob until "Manual Tune" appears on the display. Press and release the Tuning control to enter the setting.
3. Rotate the Tuning control to adjust the DAB frequency , then press and release the Tuning control to tune to the required DAB channel.

• ADVANCED
INFO



Advanced:
Station list

Advanced:
Manual Tune

Manual tune:
10C 213.36MHz

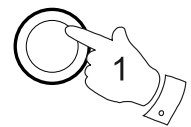
Display modes – DAB

Your radio has seven display modes for DAB listening:

1. Press and release the Info button repeatedly to cycle through the various modes.

- | | |
|----------------------------|---|
| a. Scrolling text (DLS) | Displays scrolling text messages such as artist/track name, phone in number, etc. |
| b. Program type | Displays types of station being listened to e.g. Pop, Classic, News, etc. |
| c. Multiplex name | Displays names of multiplex to which current station belongs. |
| d. Time and date | Displays current time and date. |
| e. Channel and frequency | Displays current channel and frequency. |
| f. Audio type and bit rate | Displays audio type and bit rate |
| g. Signal strength | Displays signal strength for station being listened to. |

• ADVANCED
INFO



a

DAB P2
Welcome to RTI .

b

DAB P2
<Program Type>

c

DAB P2
SuperFM DAB

d

DAB P2
10:25 22-06-2010

e

DAB P2
10C 213.36MHz

f

DAB P2
64Kbps / MP2

g

DAB P2
■■■■■■■

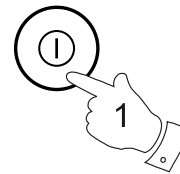
Dynamic Range Control (DRC) settings – DAB

GB

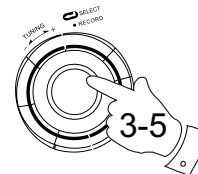
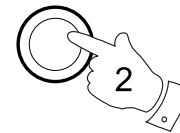
The DRC facility can make quieter sounds easier to hear when your radio is used in a noisy environment.

1. Press the Power button to switch on your radio.
2. Press the Band button to choose the DAB band, then press and hold the Info button to enter the advanced setting.
3. Rotate the Tuning control until the display shows "DRC value". Press and release the Tuning control to enter the setting.
4. Rotate the Tuning control to select the required DRC setting (default is 0)
DRC 0 DRC is switched off, Broadcast DRC will be ignored.
DRC 1/2 DRC level is set to 1/2 that sent by broadcaster
DRC 1 DRC is set as sent by broadcaster
5. Press and release the Tuning control to confirm the setting.
The display will return to radio mode.

Note: Not all DAB broadcasts are able to use the DRC function.



• ADVANCED
INFO



Advanced:
Station list

Advanced:
DRC Value

DRC Value:
0

DRC Value:
1/2

DRC Value:
1

Station order setup – DAB

Your radio has 3 station order settings from which you can choose.
The station order settings are alphanumeric, ensemble and valid station.

Note: Your radio default station order is alphanumeric.

1. Press and hold the Info button.
2. Rotate the Tuning control until “Station order” appears on the display, then press and release the Tuning control to enter the setting.

Alphanumeric

Rotate the Tuning control until “Alphanumeric” appears on the display.
Your radio will now select stations in alphanumeric order A...Z 0...9.

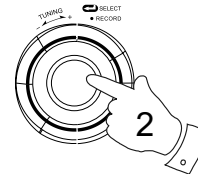
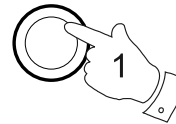
Ensemble stations

Rotate the Tuning control until “Ensemble” appears on the display.
Your radio will now organize the station list by DAB multiplex.

Valid stations

Rotate the Tuning control until “Valid” appears on the display.
The display will show only those that a signal can be found.

• ADVANCED
INFO



Advanced:
Station order

Station order:
Alphanumeric

Station order:
Ensemble

Station order:
Valid

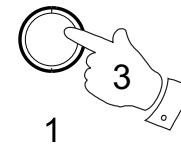
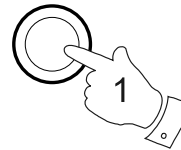
Presetting stations – DAB and FM

GB

There are 5 memory preset stations on each radio band, DAB and FM

1. Press the Band button to choose the band as required.
2. Tune to the required station as previously described.
3. Press and hold the required Preset button until the display shows for example "P5 Saved". The station will be saved under the chosen preset button. Repeat this procedure for the remaining presets.

BAND



FM 97
106.50MHz

FM 97
P5 Saved

Recalling a preset station – DAB and FM

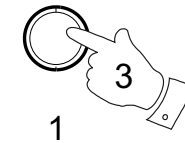
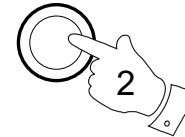
1. Press the Power button to switch on your radio.
2. Select the required waveband by pressing the Band button.
3. Momentarily press the required Preset button, your radio will tune to the station stored in preset memory.

Note:

If you have not previously stored a preset station and the preset buttons are pressed "P3 Empty" for example will be displayed.



BAND

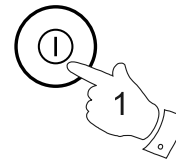


FM P1 92.10 MHz

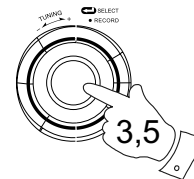
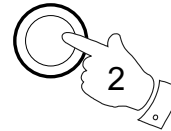
DAB P2
P3 Empty

Operating your radio – Search tuning FM

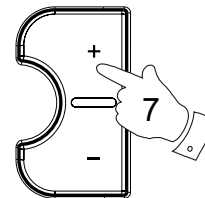
1. Fully extend the antenna above the radio. Press the Power button to switch on your radio.
2. Press the Band button to select the FM band.
3. Press and release the Tuning control, your radio will scan in an upwards direction (low frequency to high frequency) and stop automatically when it finds a station of sufficient strength.
4. After a few seconds the display will update. The display will show the frequency of the signal found. If the signal is strong enough and there is RDS data preset then the radio will display the station name.
5. To find other stations, press and release the Tuning control as before.
6. When the waveband is reached will recommence from the opposite end of the waveband end.
7. Adjust the volume control to the required setting.
8. To switch off your radio press the Power button.



BAND



VOLUME



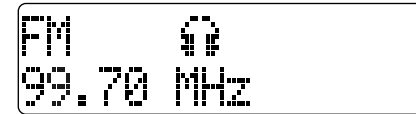
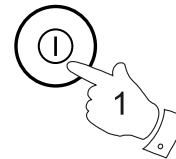
FM 106.50MHz

FM RDS
U.H.B.N.

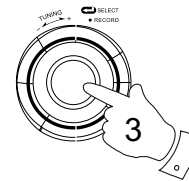
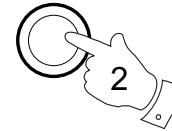
GB

Manual tuning – FM

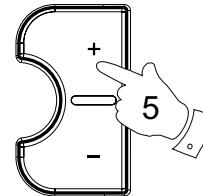
1. Press the Power button to switch on your radio.
2. Press the Band button to select the FM band. Fully extend the antenna for best reception.
3. Rotate the Tuning control to tune to a station. The frequency will change in steps of 50kHz on FM.
4. When the waveband end is reached the radio will recommence tuning from the opposite waveband end.
5. Set the Volume using the Volume Up/Down buttons to the desired settings.
6. To switch off your radio press the Power button.



BAND



VOLUME



Display modes – FM

GB

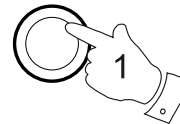
Your radio has four display modes for FM listening:

The Radio Data System (RDS) is a system in which inaudible digital information is transmitted in addition to the normal FM radio program. RDS offers several useful features. The following are available on your radio.

1. Press and release the Info button repeatedly to cycle through the various modes.

- | | |
|------------------|--|
| a. Radio text | Displays scrolling text messages such as news items etc. |
| b. Program type | Displays type of station being listened to e.g. Pop, Classic, News, etc. |
| c. Time and date | Displays the current time and date. |
| d. Frequency | Displays the frequency of the station being listened to. |

• ADVANCED
INFO



a

FM RDS
ICRT

b

FM RDS
<Program Type>

c

FM RDS
<Time/Date>

d

FM RDS
100.70MHz

Using your radio's Rewind feature

With a single press of the Rewind button you can put your favorite station on hold while you have been interrupted, whether it being a phone call or other important task. After the interruption is finished, simply press the Rewind button to return to your favorite station exactly where you left off so that you never miss anything.

Radio stations can effectively be put on hold for approx 16 minutes (999 seconds).

1. Ensure your SD card is inserted correctly.
2. First switch on your radio. Press the Band button to select the desired waveband.
3. To place your radio in Rewind mode simply press and release the Rewind button, the sound from the speaker will be muted. The display will show the "Pause symbol" and the time (seconds) you are delayed by.
4. To return to the radio station that you were listening to simply press and release the Rewind button and your radio will continue playing from where you left off.
5. To return to real time press and press and hold the Rewind button the display will return to normal radio display.
6. To reach a desired point of the delayed program rotate the Tuning control.

Note:

In order for the radio to carry out the rewind feature, the radio requires at least 30MB in the SD card space.



Rewind
■ Delay 021/021

Rewind
▶ Delay 033/051



Using an SD card with your radio

An SD card can be used in your radio for recording and playing back previously recorded radio programs, or playing back MP2 and MP3 files transferred from a PC.

If you are using a new SD card ensure that it is formatted correctly. Please format the SD card via your computer before using your SD card with your radio.

Many different brands and capacities of SD card are available. Your DPR-17 has been tested with a wide range of cards up to 16GB and support cards of Secure Digital High Capacity (SDHC) standard.

Inserting and removing a card

To insert an SD card into your radio, lift the rubber cover on top of the radio up and slid the SD card into the SD card slot. Press down the rubber cover.

To remove the card push the card in slightly and it will pop out allowing removal.

Note:

The SD card should not be removed during a recording as damage or corruption of files on the card may occur.

GB

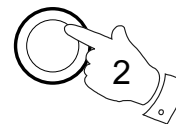
Recording an Radio program (DAB & FM)

1. Ensure your SD card is inserted correctly and your radio clock is synchronized.
2. First press the Band button to choose the band as required. Tune to the station you want to record.
3. Press and hold the Tuning control to start recording. The record icon and " ■ " and the recorded time will show in the display.
4. Press and hold the Tuning control again to stop recording.
The recording of FM program will be saved in the FM Rec Folder in your SD card. The recording of DAB program will be saved in the DAB Rec Folder in your SD card. The last recording will be saved in the LAST folder.

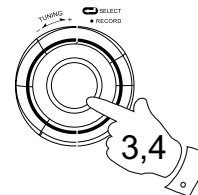
Note:

The first four digits of the file name of your recording of radio programs represent the date of recording, while the alphabet of the file name represents the year of recording, starting from 2010 with "A". The two-digits number behind the alphabet in the file name represents the number of recording of that day.

BAND



Record JD0624A01
■ 00:00:18



Record
JD0624A02 Saved

If your radio is not recording correctly check the following:

- The card is the correct format
- The card has enough recording space available
- The card has not become corrupted (possibly by removing the card during recording). Reformat the card if necessary.

Note:

When the Charge LED indicates low battery capacity, the Recording and Rewind function cannot be performed.

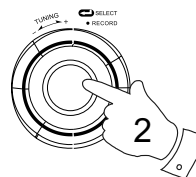
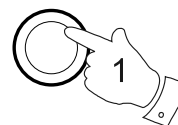
Note:

The recordings of FM programs will be saved in the SD card in .WAV format, and the recordings of DAB programs will be saved in .MP2 format. The recording of DAB+ programs will be saved in .M4A format.

To view space on an SD card

1. Press and hold the Info button when the radio is in DAB or FM mode.
2. Rotate the Tuning control until "SD information" is shown on display, then press and release the Tuning control. Rotate the Tuning control until free space / total space appears on the display.

• ADVANCED INFO



Advanced:
SD Information

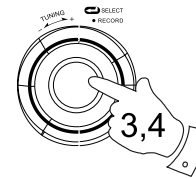
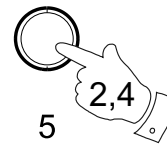
SD Information:
Free 03.63GB

SD Information:
Total 03.68GB

File playback / Browser

The play mode displays the files on the current memory card.
The display will show the current file details.

1. Ensure your SD card is inserted correctly.
2. Press and hold the Play mode button and the current recording folder and track name on your SD card will show on the display.
3. You can scroll through the tracklist under the current folder using the Tuning control.
4. Press and release Play mode button again and the display will show the current folder under the root menu, then rotate the Tuning control to scroll through all the folders in your current memory card.



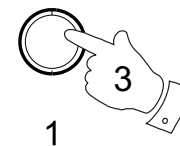
FM Rec Folder
F0101A02.wav

SD ▶
001 1001 00:23

Root
DCIM

To play files

1. Press and release the Tuning control or Play/pause button to select the track to be played.
2. Your playlist recordings will be played in list order from the first selected file.
3. To pause playback press the Play/pause button. To resume playback press the Play/pause button again.

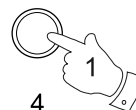


SD ■
001 1001 00:06

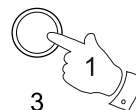
SD ■
001 1001

Fastforward files

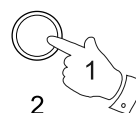
1. Press and release the Fastforward button (Preset 4) to skip to the next track.
2. While a track is playing press and hold the Fastforward button until the desired part of the track is reached.

**Backforward files**

1. Press and release the Backforward button (Preset 3) to skip to the previous track.
2. While a track is playing press and hold the Backforward button until the desired part of the track is reached.

**Stop playing files**

1. Press the Stop button and the track will stop playing and return to the playlist.

**Setting up SD card file playback repeat mode**

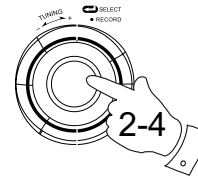
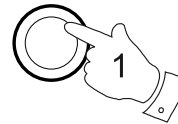
When your radio is playing audio files from your SD card, press and release the Playmode button repeatedly to cycle through the various repeating modes of file playback.

The repeating modes include: Repeat One (repeat one single audio file), Repeat All (repeat all audio files in the SD card), Repeat Folder (repeat all files of one single folder), Intro (play the first 10 seconds of all audio files in the SD card) and Random (play all audio files in the SD card randomly).

FM Stereo / Mono

1. If a station being received is weak some hiss may be audible.
To reduce the hiss press and hold the Info button.
2. Rotate the Tuning control until "Mono Override" is shown on the display. Press and release the Tuning control to enter the setting.
3. Rotate the Tuning control until the display shows "Mono", and your radio will switch to mono mode.
4. To return to stereo mode rotate the Tuning control until the display shows "Auto" then press and release the Tuning control. Your radio will switch to stereo mode.

• ADVANCED
INFO



Advanced:
Station order

Advanced:
Mono Override

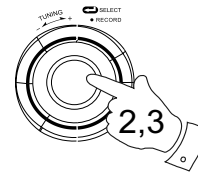
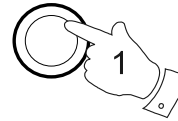
Mono Override:
Mono

Mono Override:
Auto

Software version

1. To view which software version your radio has press and hold the Info button.
2. Rotate the Tuning control until "SW version" is shown on the display.
3. Press and release the Tuning control to view the software version of your radio.

• ADVANCED
INFO



Advanced:
SW Version

SW Version:
DPR17-v014

GB

System reset

If your radio fails to operate correctly, or some digits on the display are missing or incomplete carry out the following procedure.

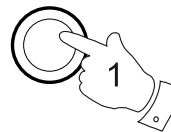
1. Switch on your radio, and press the Band button to choose your required band.
2. Press and hold the Info button.
3. Rotate the Tuning control until "Factory Reset" is shown on the display.
4. Press and release the Tuning control, the display will show NO. Rotate the Tuning control to select YES.
5. Press and release the Tuning control to confirm. The display will show "Resetting..." and a full reset will be performed and all presets and station lists will be erased. A quick scan of DAB frequencies will then be carried out.

In case of malfunction due to electronic discharge, reset the product (reconnection of power source may be required) to resume normal operation.

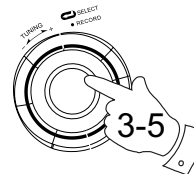
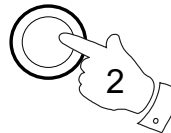
Headphone socket

A 3.5mm Headphone socket located on the left hand side of your radio is provided for use with either headphones or an earpiece. Inserting a plug automatically mutes the internal speaker.

BAND



• ADVANCED
INFO



Advanced:
Station list

Advanced:
Factory Reset

Factory reset:
No

Factory reset:
Yes

Specifications

Power Requirements

AC to DC adaptor DC 7.5V = 1.6A

Frequency Coverage

DAB 174.92B – 239.200MHz

FM 87.50 – 108MHz

Circuit features

Speaker 3" 4ohm 3W full range

Output Power 1.2 W

Headphone socket 3.5mm dia

Aerial System

DAB and FM

GB



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)